

**Assignment for CIT-001 : Fundamentals of Computer Systems
of CITOL Programme for July 2025 & January 2026 Session**

Note: Answer all the questions. Each question carries 1 mark. This assignment needs to be attempted compulsorily by the students of IGNOU - who took admission to CITOL Programme for July 2025 & January 2026 Session.

1. Computer display screen is a/an_____

- A) Input device
- B) Output device
- C) Storage device
- D) Printing device

ANSWER: B

2. 1 MB is equals to.....

- A) 2^{10} bytes
- B) 2^{20} bytes
- C) 2^{16} bytes
- D) 2^8 bytes

ANSWER: B

3. Which of the following is a volatile memory?

- A) Hard Disk
- B) CD-ROM
- C) Magnetic Tape
- D) Main Memory

ANSWER: D

4. The cache memory is placed between.

- A) CPU and main memory.
- B) CPU and secondary memory.
- C) Primary memory and secondary memory.
- D) None of the above.

ANSWER: A

5. Which of the following is a characteristic of an algorithm.....

- A) It must terminate after a finite number of steps.
- B) It may have some ambiguity.
- C) Values are given to the algorithm after its completion.
- D) The output is not necessarily related to input.

ANSWER: A

6. HDMI stands for_____

- A) High definition multimedia interface
- B) High definition multimedia input
- C) High definition monitor interface
- D) High definition multimedia instrument

ANSWER: A

7. Which of the following is not an application software?

- A) Web Browser
- B) Operating System
- C) Spreadsheet Software
- D) DBMS

ANSWER: B

8. The Network architecture in which various computers on the network can act both as client and server is called as _____

- A) Client - server based network.
- B) Peer-to-peer network
- C) Bus Network
- D) Telephone Network

ANSWER: B

9. The goal of _____ is to steal sensitive data like credit card and login information, or to install malicious software on the victim's machine.

- A) Spyware
- B) Adware
- C) Phishing Attacks
- D) Ransomware

ANSWER: C

10. Information Security is not concerned with _____

- A) Confidentiality
- B) Affordability
- C) Availability
- D) Integrity

ANSWER: B

11. EPROM Stands for _____

- A) Erasable Programmable ROM
- B) Electronic Programmable ROM
- C) Electrically Programmable ROM
- D) None of the above

ANSWER: A

12. The delay between job-submission and job-completion is called:

- A) Turnaround time
- B) Execution time
- C) Compilation time
- D) Waiting time

ANSWER: A

13. Symmetric key encryption uses a single shared secret key for both encryption and

- A) multiplexing
- B) storage
- C) decryption
- D) information exchange

ANSWER: C

14. Which network covers the geographic area of the size of an entire city?

- A) PAN
- B) Bluetooth
- C) WiFi
- D) MAN

ANSWER: D

15. In information security CIA means.....

- A) Confidentiality, Integrity and Availability
- B) Connectivity, Integrity and Availability
- C) Confidentiality, Intensity and Availability
- D) Confidentiality, Integrity and Affordability

ANSWER: A

16. A parity bit

- A) helps to ensure the accuracy of the transmitted data
- B) helps to find out the start of transmission
- C) helps to find out the end of the transmission
- D) helps to find out the arrival of the next character

ANSWER: A

17. Which one is NOT the keyword in c Programming?

- A) for
- B) if
- C) switch
- D) printf

ANSWER: D

18. Which secondary memory device has optical storage mechanism?

- A) Hard Disk
- B) CD-ROM
- C) Floppy Disk
- D) Pen Drive

ANSWER: B

19. The topology, in which each of the computers and network devices are interconnected with one another is called.

- A) Mesh
- B) Star
- C) Ring
- D) Tree

ANSWER: A

20. ER Model is used to represent relationships between different_____ of a system.

- A) Attributes
- B) Primary Keys
- C) Entities
- D) Records

ANSWER: C

21. The OSI model comprises of_____ layers

- A) Two
- B) Five
- C) Seven
- D) Eight

ANSWER: C

22. The key of the table which is used for referencing the other table is known as.....

- A) Primary key.
- B) Super key.
- C) Candidate key
- D) Foreign key

ANSWER: D

23. Which of the following is a mode of transmission?

- A) Ring Mode
- B) Fix mode
- C) Full Duplex Mode
- D) Star Mode

ANSWER: C

24. Which signals are used for short-range communication?

- A) Radio waves
- B) Microwaves
- C) Infrared
- D) Optic Fiber

ANSWER: C

25. Walkie-talkie is an example of

- A) Simplex communication
- B) Half-duplex communication
- C) Full-duplex communication
- D) Guided Communication

ANSWER: B